

L9 ANSWER 25 OF 33 CAPLUS COPYRIGHT 2010 ACS on STN

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TI Preparation of N-hydroxyamidines as acaricides and agricultural and horticultural fungicides

IN Kishimoto, Takashi; Hayakawa, Koichi; Nakayama, Akira; Yamada, Tomio; Takahashi, Eiko; Hashimoto, Akira; Sano, Shinsuke; Hosokawa, Hiroyasu

PA Nippon Soda Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 29 pp.

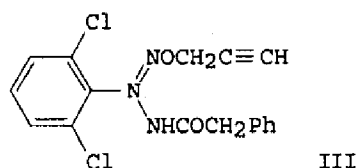
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DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02006453	A	19900110	JP 1988-158393	19880627 <--
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AB Amidines R1[R5(R2O)N]C:NR3 (I) and R1(R3R4N)C:NOR2 II [R1 = H, (un)substituted Ph, alkyl optionally substituted by (un)substituted Ph, naphthyl, alkylthio, aralkylthio, (un)substituted NH2, cyclic amino, (un)substituted heterocyclyl; R2 = H, (un)substituted alkyl, alkenyl, alkynyl, XR6, X = CO, CONH, CO2, COCO; R6 = alkyl, (un)substituted alkenyl, Ph, or aralkyl, P(:Y)(OR7)2, Y = O, S, R7 = alkyl; R3 = H, (un)substituted alkyl, alkynyl, ZR8; Z = CO, CS, CO2, COCO, CONH, SO2, O2C; R8 = (un)substituted alkyl, alkenyl, or aralkyl, piperidino; R4 = H, alkyl; R5 = alkyl, aralkyl, (un)substituted aralkylcarbonyl] are prepared, e.g. by reaction of R1C(X):NOR2 (X = halo) with HNR3R4. Thus, PhCH2COCl was added to a solution of 2,6-Cl2C6H3C(NH2):NOCH2C.tplbond.CH in benzene

and the mixture was refluxed overnight to give a benzamidine III. A total of 574 II were prepared and 18 II at 125 ppm completely controlled Tetranychus urticae and III and 46 others at 200 ppm controlled 77-100% Erysiphe graminis.

IT 129859-49-0P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of, as acaricide and agrochem. fungicide)

RN 129859-49-0 CAPLUS

CN Benzamide, 2,6-dichloro-N-[3-chloro-2-[(ethoxyamino)iminomethyl]phenyl]- (CA INDEX NAME)

